

SUBMITTAL DATA SHEET

Inverter Heat Pump Condensing Unit

Location:

Approval:

Engineer:

Date:

Submitted to:

Construction:

Submitted by:

Unit #:

Reference:

Drawing #:

UNIT SPECIFICATION

Model Number		BNG2Z60SCN
Series		Next Gen
Cooling Capacity	BTU/hr	54,000
Heating Capacity	BTU/hr	54,000
SEER2		19
HSPF2		9.5
EER2	(BTU/h)/W	11.7
COP	(BTU/h)/W	3.4

COMPRESSOR

Type		Inverter Rotary
Model		FTz-SC400AXAB
RLA	A	30.1
LRA	A	N/A
Oil Type		FW68L

OUTDOOR FAN

Fan Type		Axial-flow
Fan Quantity		2
Motor Output		2×1/6 HP
Motor Speed		800 rpm
Airflow	CFM	4000
Sound Pressure Level	dBA	63
Sound Power Level	dBA	73

ELECTRICAL

Power Supply	208-230V / 1Ph / 60Hz
Voltage Range	187-253 V
Cooling Power Input	4.62 kW
Heating Power Input	4.66 kW
Max Cooling Power	6.71 kW
Max Heating Power	7.00 kW

Cooling Current	21.1 A
Heating Current	21.3 A
MCA (Min. Circuit Ampacity)	35.5 A
Max. Over Current Protection	40 A

REFRIGERANT	
Refrigerant Type	R32
Refrigerant Charge	148.2 oz
GWP	675

DIMENSIONS	
Dimension (W × D × H)	35.44" × 13.38" × 49.63"
Net Weight	214.0 lbs
Gross Weight	236.0 lbs

OPERATING CONDITIONS / PIPING	
Cooling Ambient Range	5°F to 118°F (-15°C to 48°C)
Heating Ambient Range	5°F to 75°F (-15°C to 24°C)
Liquid Line (OD)	3/8"
Gas Line (OD)	3/4"
Pre-Charged Line Set	24.6 ft
Max. Line Set Length	98.4 ft
Max. Height Difference	49.2 ft
Additional Refrigerant	0.215 oz/ft

RLA: Rated Load Amps | FLA: Full Load Amps | MCA: Minimum Circuit Ampacity | GWP: Global Warming Potential

AHRI Certified | ETL Listed

Model: BNG2Z60SCN